**Dr. Courtney R. Wigdahl-Perry**

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GLEON: Global Lakes Ecological Network: Buoys

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[Ken Chiu: SUNY Binghamton](http://www.binghamton.edu/cs/people/kchiu.html); IT guy Sensor arrays, etc. Big Data person

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Buoy array three sets of 4 year and community colleges for seamless connections

* East west weather
* Different water sheds
* Buoy delivers data to a website live so the community can search it for info.
  + [www.jpbouy.com](http://www.jpbouy.com) <http://www.jpbuoy.com/live-data>
    - [Wild Acadia](http://friendsofacadia.org/programs/wild-acadia/): Sponsored by Cannon Foundation
    - National Geographic Foundation
  + Community involvement as citizen science
    - Samples to Courtney
    - They take ownership as they’re part of the science.
    - Cannon Grant
  + Fishermen benefit a lot
* Productivity and development
* Different systems, but similar
* $150,000-$200,000 at $50,000 per buoy.
* $600,000 with indirects
* Regional GLEON connecting all the buoys in the northeast, PA, NH, VT, Maine, NY
  + Regional meeting: leverage funding $E with funds from other states
  + Students involves: methodology
  + Keep the research projects moving
  + 14-15 in the GLEON from the NE
* EPA Water Quality Issues: <http://www.epa.gov/ncer/rfa/2015/2015-star-water-quality.html#AWARDII>
* Stacey Hengsterman: Interim Chief of Staff and Associate Vice Chancellor for Government Relations, <http://www.suny.edu/about/leadership/senior-staff/stacey-hengsterman/>
  + Letter to introduce the project for scholarship and students plus the connection with community colleges
  + Each year produced a new data set to work on.
* Knows an Amina Pollard at EPA that might be able to assist. Runs National Lakes Assessment. <http://water.epa.gov/type/lakes/lakessurvey_index.cfm>
  + Diatom Data for 1,000 Lakes
  + <http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&sqi=2&ved=0CC0QFjAB&url=http%3A%2F%2Fwww.epa.gov%2Fowow%2FLAKES%2Flakessurvey%2Fpdf%2Fnla_report_low_res.pdf&ei=575kVKW-MsbksATKr4DICA&usg=AFQjCNGm2BSlprZh6-T7LNwvedqQeodQ3Q&sig2=4TuoLN6e5eSucnekjX6s7g&bvm=bv.79189006,d.cWc>
  + Each year produced a new data set to work on.
* NYDEC: <http://www.dec.ny.gov/regulations/2590.html>
* NSF: MRI <http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260>
* Student at GLEON very important for their career goals.
* Holmberg Foundation for at least one student:
  + JCC and Fredonia students
  + Boat: CWC
  + Boat by basin
  + Dan Hicks
  + Post Journal
* Hobo Data Loggers
* Local buy-in
* Placing buoys approvals

**\*\*\*\***[**Stacey Hengsterman**](http://www.suny.edu/about/leadership/senior-staff/stacey-hengsterman/)  
Interim Chief of Staff and Associate Vice Chancellor for Government Relations

<http://www.suny.edu/about/leadership/senior-staff/stacey-hengsterman/>

**Our Lobbyist who we should link to Education Coalition**

In her current role, Stacey is responsible for articulating and advancing the State University’s programmatic and fiscal agenda before the New York State Legislature and related Executive agencies of state government. She also coordinates the advocacy strategy for the University’s 64 campuses and serves as a liaison to the University’s business, local government, and community constituents.

In addition, Stacey supports SUNY’s Strategic Plan, The Power of SUNY, by staffing the **Vibrant Communities** subcommittee. This committee is focused on **projects that will increase community service and service learning across the SUNY system**.

Hook her up with the Education Coalition: send her the charts developed by DIDI and the Chamber. Use Dunkirk/Fredonia and Jamestown as the palate for various forms of community engagement.

SUNY Postdam has a STEAM Program: <http://www.potsdam.edu/newsandevents/53013stemeducation.cfm>

* Federal Lobby??? To get Potsdam their Million Dollars?
* Comprehensives need to be defined as the Base of
* Politicians: do they get the relevance and economics of the Arts and Humanities
* Needs to be repackaged as beneficial to the quality of life on top of the hard core businesses.